MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/building

NOTICE OF ACCEPTANCE (NOA)

American Buildings Company 1150 State Docks Road Eufaula, AL 36027

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: 0.030" (min.) Structural Standing Seam 360 Steel Roof Panel

APPROVAL DOCUMENT: Drawing No. MD-S3P22, titled "Standing Seam 360 roof Panel", sheets 1 through 9 of 9, prepared by Jeffrey C. Walsh, P.E., last revision #1 dated June 25, 2012, signed and sealed by Jeffrey C. Walsh, P.E. on June 26, 2012, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews NOA # 07-1025.02 and consists of this page 1, evidence submitted pages E-1, E-2, & E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.

MIAMI-DADE COUNTY
APPROVED

Heling A. Malin Expiration I 07/12/2012 Approval I

Expiration Date: 07/12/2017 Approval Date: 07/12/2012 Page 1

NOA No. 11-1214.01

American Buildings Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #00-0929.16

A. DRAWINGS

1. Drawing No. SS36022, titled "Standing Seam 360 roof Panels: 22 gauge", sheets 1 through 8 of 8, prepared by Jeffrey C. Walsh, P.E., signed and sealed by Jeffrey C. Walsh, P.E. on February 13, 2002.

B. TESTS

- 1. Test report on Accelerated Weathering Testing of Coating 2000 hours per ASTM G26-96, prepared by Asphalt Technologies, dated May 1, 2000, signed and sealed by Charles L. Thomas, P.E.
- 2. Test report on Salt Spray Testing of Coating 1000 hours per ASTM B117-95, prepared by Celotex, Report No. 520534, dated April 12, 2000, signed and sealed by R. C. Miller, P.E.
- 3. Test report on Uplift Resistance Test per UL-580 Class 90, on 22 ga. Standing Seam 360 Roof Panel, prepared by Hurricane Test Laboratory, Inc., Report No. 0207-0112-00, dated May 18, 2000, signed and sealed by Vinu J. Abraham, P.E.
- 4. Susceptibility to leakage test in accordance with Miami-Dade county Protocol PA 114 Appendix G on 22 ga. Standing Seam 360 Roof Panel, prepared by Celotex, Report No. 520534-1 CAE 00009, dated March 2000, signed and sealed by R. G. Miller, P.E.
- 5. Wind Driven Rain Test in accordance with Miami-Dade county Protocol PA 100-95 on 22 ga. Standing Seam 360 Roof Panel, prepared by Celotex, Report No. 520534-6 CAE 00035, dated March, 2000, signed and sealed by R. G. Miller, P.E.

C. CALCULATIONS

- 1. Calculations titled "Standing Seam 360, 22 ga. Roof Panel Calculations", dated June 17, 2000, pages 1 through 7 of 7, prepared by Jeffrey C. Walsh, P.E., signed and sealed by Jeffrey C. Walsh, P.E
- 2. Calculations titled "Standing Seam 360, 22 ga. Roof Panel Calculations", dated February 28, 2001, pages 1 through 7 of 7, prepared by Jeffrey C. Walsh, P.E., signed and sealed by Jeffrey C. Walsh, P.E.

D. MATERIAL CERTIFICATIONS

- 1. Mill Certified Test Report issued by U. S. Steel Group, dated 11/04/99, with chemical composition and mechanical properties of galvalume painted structural steel coils ASTM A792-96 Grade 50B.
- 2. Tensile Test Report No. OBM-290, prepared by QC Metallurgical, Inc., dated March 24, 2000.

Afelmy A. Makar, P.E., M.S. Product Control Examiner

NOA No. 07-1025.02

Expiration Date: 03/14/2012 Approval Date: 12/20/2007

American Buildings Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #06-1113.01
- A. DRAWINGS
 - 1. None.
- B. TESTS
 - 1. None.
- C. CALCULATIONS
 - 1. None.
- D. QUALITY ASSURANCE
 - 1. By Miami-Dade County Building Code Compliance Office.
- E. MATERIAL CERTIFICATIONS
 - 1. None.
- 3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 07-1025.02
- A. DRAWINGS
 - 1. Drawing No. SS36022, titled "Standing Seam 360 roof Panels: 22 gauge", sheets 1 through 8 of 8, prepared by Jeffrey C. Walsh, P.E., last revision #3 dated November 20, 2007, signed and sealed by Jeffrey C. Walsh, P.E. on November 20, 2007.
- B. TESTS
 - 1. None.
- C. CALCULATIONS
 - 1. Calculations titled "Supplemental Gravity Load Calculations", 12 pages, dated October 10, 2007, prepared by Jeff Walsh, P.E., signed and sealed by Jeff Walsh, P.E. on October 19, 2007.
- D. QUALITY ASSURANCE
 - 1. By Miami-Dade County Building Code Compliance Office.
- E. MATERIAL CERTIFICATIONS
 - 1. None.

Heimy A. Makar, P.E., M.S. Product Control Examiner

NOA No. 07-1025.02

Expiration Date: 03/14/2012 Approval Date: 12/20/2007

American Buildings Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. MD-S3P22, titled "Standing Seam 360 roof Panel", sheets 1 through 9 of 9, prepared by Jeffrey C. Walsh, P.E., last revision #1 dated June 25, 2012, signed and sealed by Jeffrey C. Walsh, P.E. on June 26, 2012.

B. TESTS

- 1. Test report on Accelerated Weathering Testing of Coating 2000 hours per ASTM G26-96, prepared by Construction Materials Technologies, Report No. ABC-004-02-02 dated March 31, 2011, signed and sealed by Duc T. Nguyen, P.E.
- 2. Test report on Salt Spray Testing of Coating 1000 hours per ASTM B117-95, prepared by Construction Materials Technologies, Report No. ABC-004-02-01, dated March 31, 2011, signed and sealed by Duc T. Nguyen, P.E.
- 3. Test report on Positive and Negative Resistance Test per ASTM E 1592, on 22 ga. Standing Seam 360 Roof Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T343-11, dated December 05, 2011, signed and sealed by Daniel G. Farabaugh, P.E.
- 4. Susceptibility to leakage test in accordance with Miami-Dade county Protocol FM 4471, Appendix G on 22 ga. Standing Seam 360 Roof Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T400-10, dated December 29, 2010, signed and sealed by Daniel G. Farabaugh, P.E.
- 5. Wind Driven Rain Test in accordance with Miami-Dade county Protocol PA 100-95 on 22 ga. Standing Seam 360 Roof Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T120-11, dated January 27, 2011, signed and sealed by Daniel G. Farabaugh, P.E.

C. CALCULATIONS

1. Calculations titled "Standing Seam 360 roof Panel", 6 pages, dated December 12, 2011, prepared by Jeff Walsh, P.E., signed and sealed by Jeff Walsh, P.E. on December 12, 2011.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

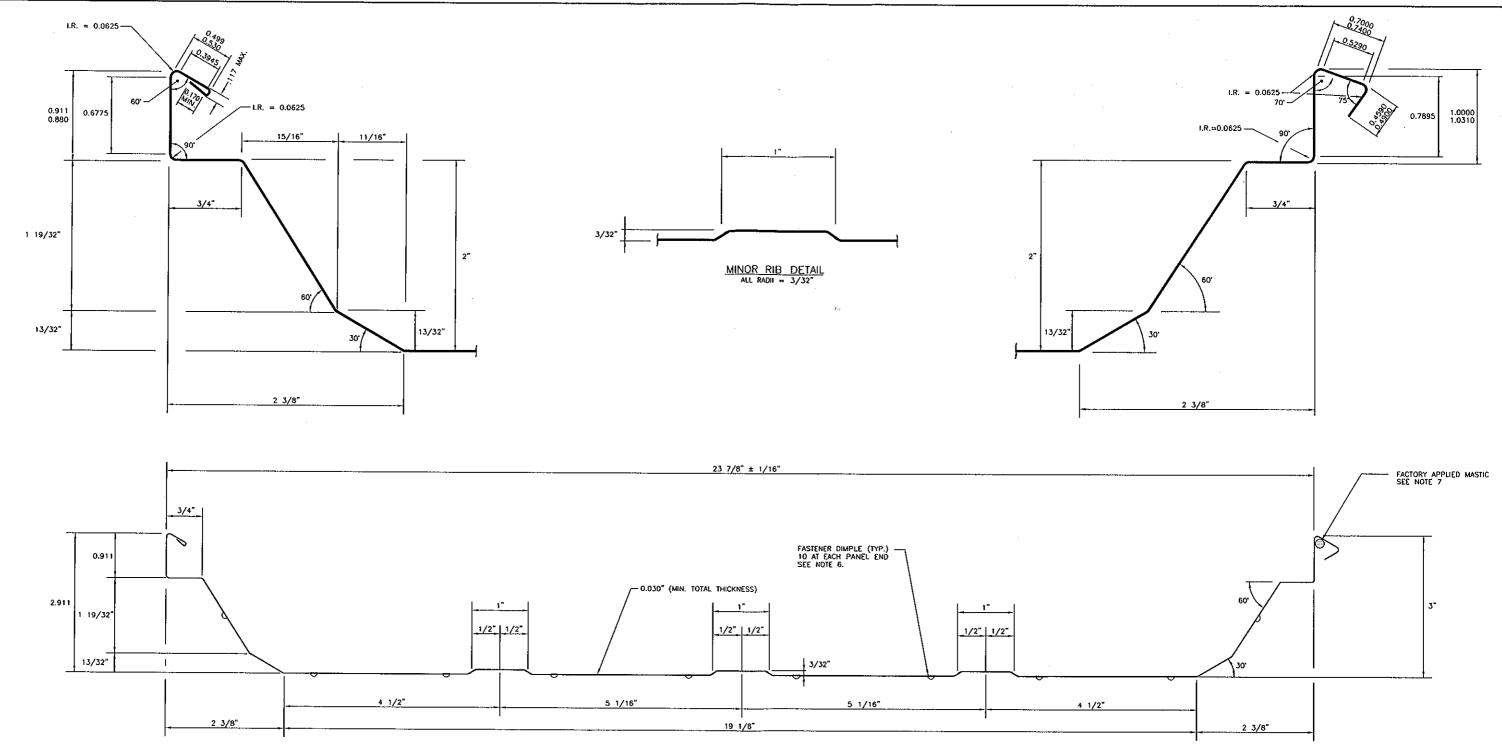
1. None.

Hedriy A. Makar, P.E., M.S. Product Control Examiner

Expiration Date: 03/14/2012

Approval Date: 12/20/2007

NOA No. 07-1025.02



- 1. THIS ROOF PANEL IS APPROVED FOR SPANS UP TO 5'-0" MAXIMUM.
- 2. DEFLECTION SHALL BE LIMITED TO L/240.
- 3. THIS ROOF PANEL IS APPROVED FOR GRAVITY (POSITIVE) PRESSURE OF 98.9 PSF.
- 4. THIS ROOF PANEL IS APPROVED FOR UPLIFT (NEGATIVE) PRESSURES AS SHOWN IN THE TABLE BELOW. FOR PANEL SPANS BETWEEN 1'-0" AND 5'-0" THE MAXIMUM UPLIFT PRESSURE CAN BE DETERMINED, BY INTERPOLATION.

MAXIMUM PANEL SPAN	MAXIMUM UPLIFT PRESSURE (PSF)					
5'0"	27.0					
4'-0"	52.8					
3'-0"	85.8					
2'-0"	128.8					
1'-0"	169.7					

JEFFREY C. WALSH

ENGINEERS STATE REGISTRATION NO.:

41467

REVISIONS

1 GENERAL REVISIONS

MADE CK'D

CAH JCW 6-25-12

DATE

NONE

12-12-1

12-12-11

THG

JCW

DRAWN BY:

CHK'D BY:

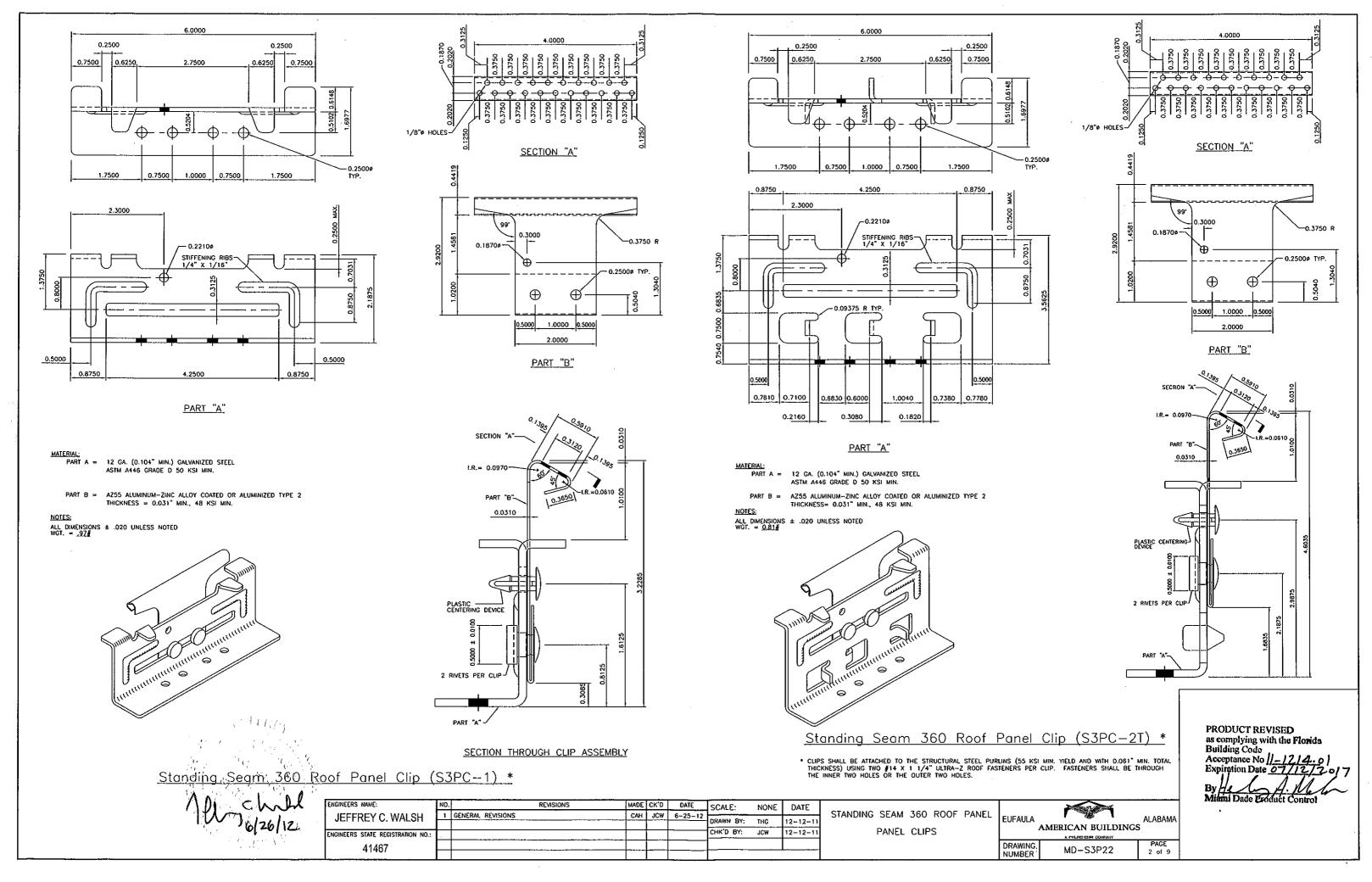
- 1. ALL DIMENSIONS ARE ±1/32" (U.N.) EXCEPT TOLERANCE DIMENSIONS.
- 2. ALL ANGLES ± 2' (U.N.)
- 3. COIL WIDTH = 29 3/8".

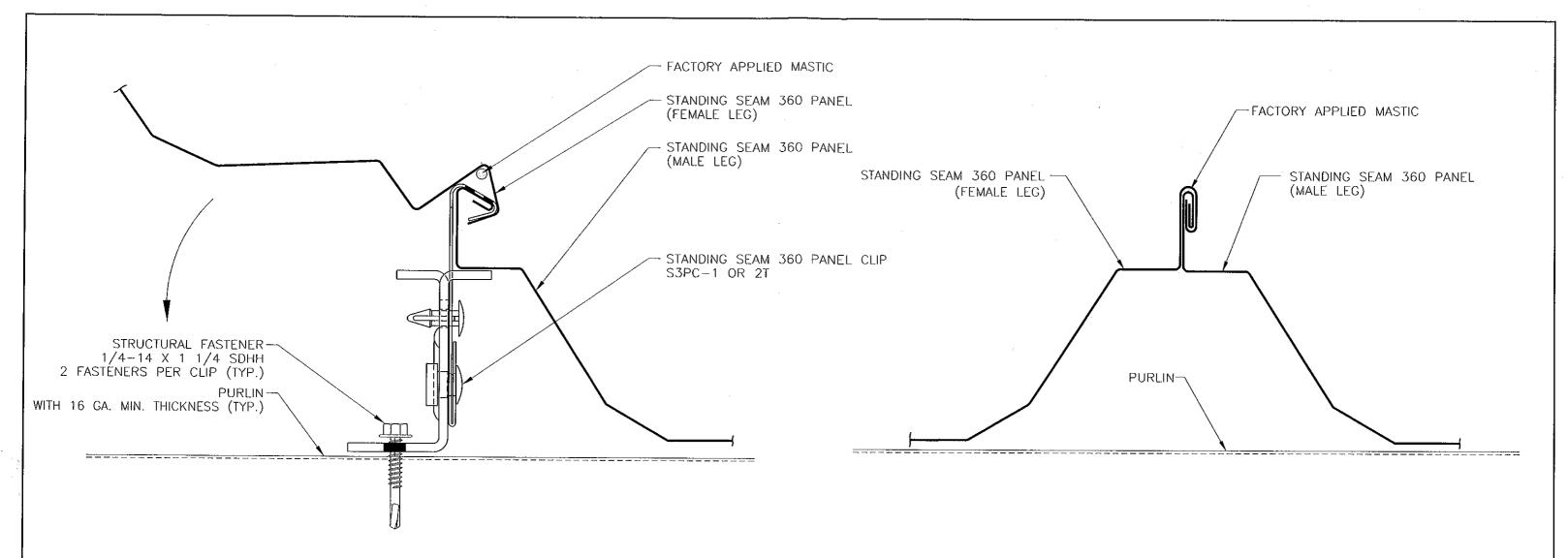
CROSS SECTION

- 4. PANEL LENGTHS = SEE MFG. SECTION OF MASTER PARTS LISTING.
- 5. MATERIAL = 0.030", MINIMUM YIELD 50 KSI
- 6. DIMPLES SHALL BE LOCATED 3/4" FROM BOTH PANEL ENDS. SEE SHEET S3L/R IN MFG. SECTION.
- 7. MASTIC SHALL BEGIN AND END A MAXIMUM OF 2" FROM BOTH PANEL ENDS, 3/16" MIN., 1/4" MAX.
- 8. MINIMUM ALLOWABLE ROOF SLOPE = 1/4 ON 12

STANDING SEAM 360 ROOF PANEL EUFAULA ALABAMA AMERICAN BUILDINGS DRAWING, NUMBER MD-S3P22

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 11-1214.0 Expiration Date 07/12/2017





DETAIL AT SIDELAP WITH PANEL CLIP STANDING SEAM 360

RC01 TA-MD

DETAIL AT FINISHED SEAM STANDING SEAM 360

RC05 TA-MD

ENGINEERS NAME:	NO.		REVISIONS	MADE	CK'D	DATE	SCALE:	NONE	DATE	
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STANDING SEAM 360 ROOF PANEL EUF SECTION AT PANEL SIDELAP

EUFAULA	AMERICAN BUILDINGS	ALABAMA	
DRAWING, NUMBER	MDS3P22	PAGE 3 of 9	

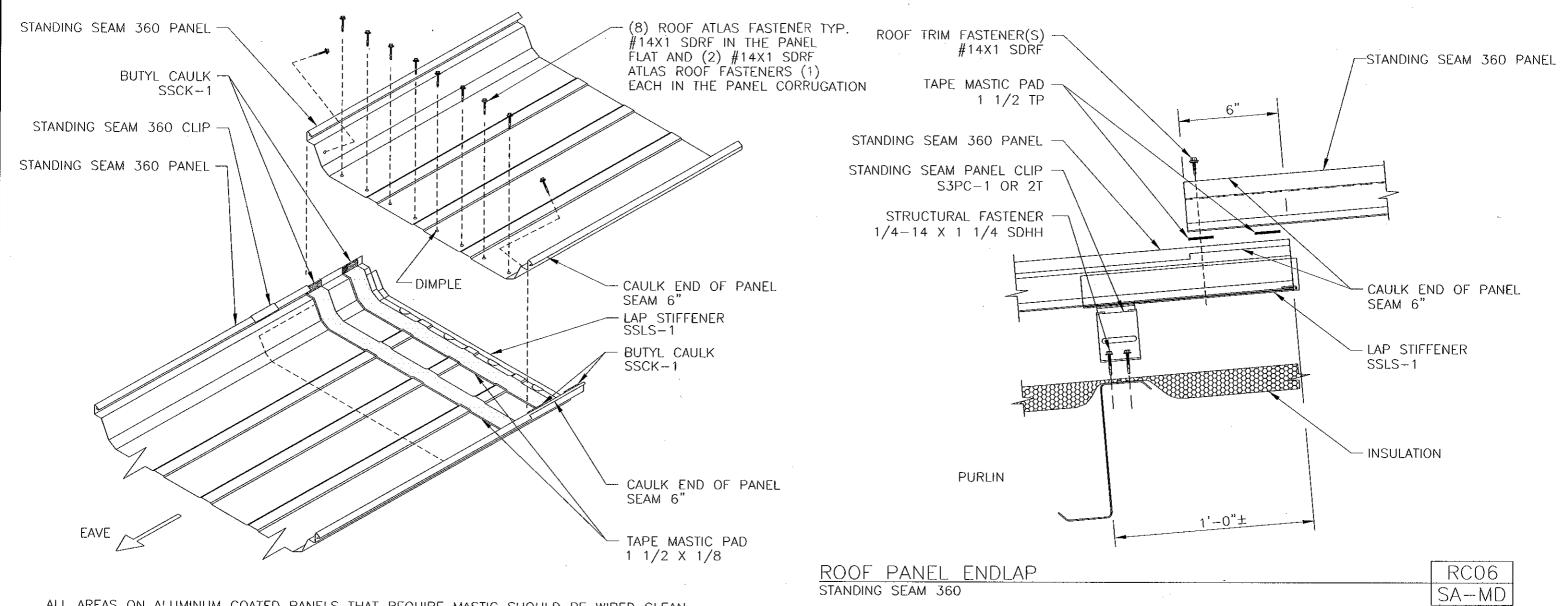
PRODUCT REVISED

as complying with the Florida

Building Code

Acceptance No ||-|2|4.

Expiration Date 07/12/2.



ALL AREAS ON ALUMINUM COATED PANELS THAT REQUIRE MASTIC SHOULD BE WIPED CLEAN WITH A MILD ALL PURPOSE DETERGENT CLEANER BEFORE MASTIC APPLICATION.

WHEN ENDLAPS ARE REQUIRED THE UPPER 6 INCHES OF THE LOWER PANEL SEAMS ARE NOTCHED TO ACCEPT THE UPPER PANEL. THIS LAP WILL OCCUR APPROXIMATELY 12 INCHES ABOVE A PURLIN. PRIOR TO SETTING THE UPPER PANEL, INSTALL THE LAP STIFFENER, SSLS-1 AS SHOWN ABOVE. THEN PLACE PRECUT LENGTH OF SPECIAL 1 1/2" X 1/8" STANDING SEAM LAP MASTIC ACROSS THE WIDTH OF THE PANEL BEGINNING AND ENDING AT THE VERTICAL SEAMS. APPLY SSCK-1 (BUTYL LAP CAULK) TO INNER FACE OF BOTH MALE AND FEMALE SEAMS, MAKING SURE THAT BACK EDGE OF MALE NOTCH IS COVERED. INSTALL THE UPPER PANEL WITH ITS LOWER EDGE FLUSH TO THE BACK SIDE OF THE NOTCH IN THE LOWER PANEL. SECURE THE LAP WITH #14 X 1" ROOF FASTENERS INSTALLED AT THE PRE-DIMPLED LOCATIONS WHILE CLAMPS ARE IN PLACE. DO NOT REMOVE CLAMPS UNTIL ALL REQUIRED ENDLAP FASTENERS ARE INSTALLED.

PANEL LAP DETAIL

STANDING SEAM 360

RC07

TA-MD

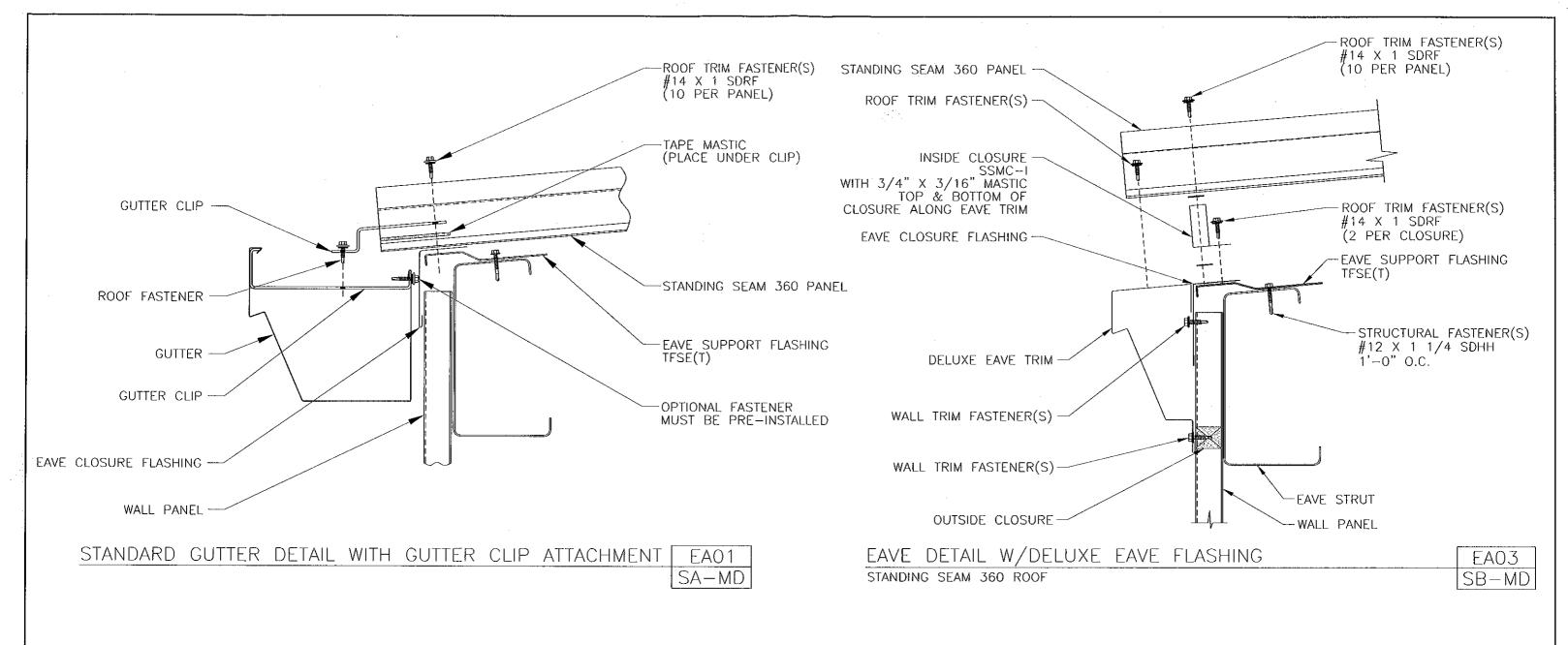
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STANDING SEAM 360 ROOF PANEL SECTION AT PANEL ENDLAP

EUFAULA ALABAMA AMERICAN BUILDINGS DRAWING

MD-S3P22

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 11-12/4. Expiration Date o 7



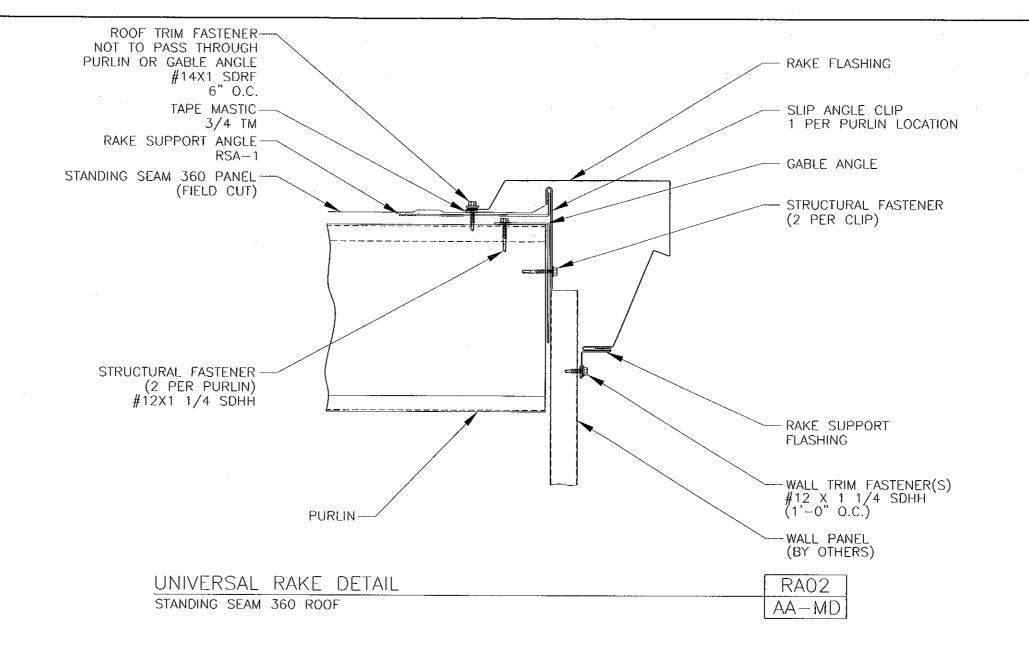
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STANDING SEAM 360 ROOF PANEL SECTION AT EAVE

EUFAULA ALABAMA AMERICAN BUILDINGS PAGE 5 of 9 DRAWING NUMBER MD-S3P22

PRODUCT REVISED as complying with the Florida
Building Code
Acceptance No //-/2/4.0/
Expiration Date 07//2/20

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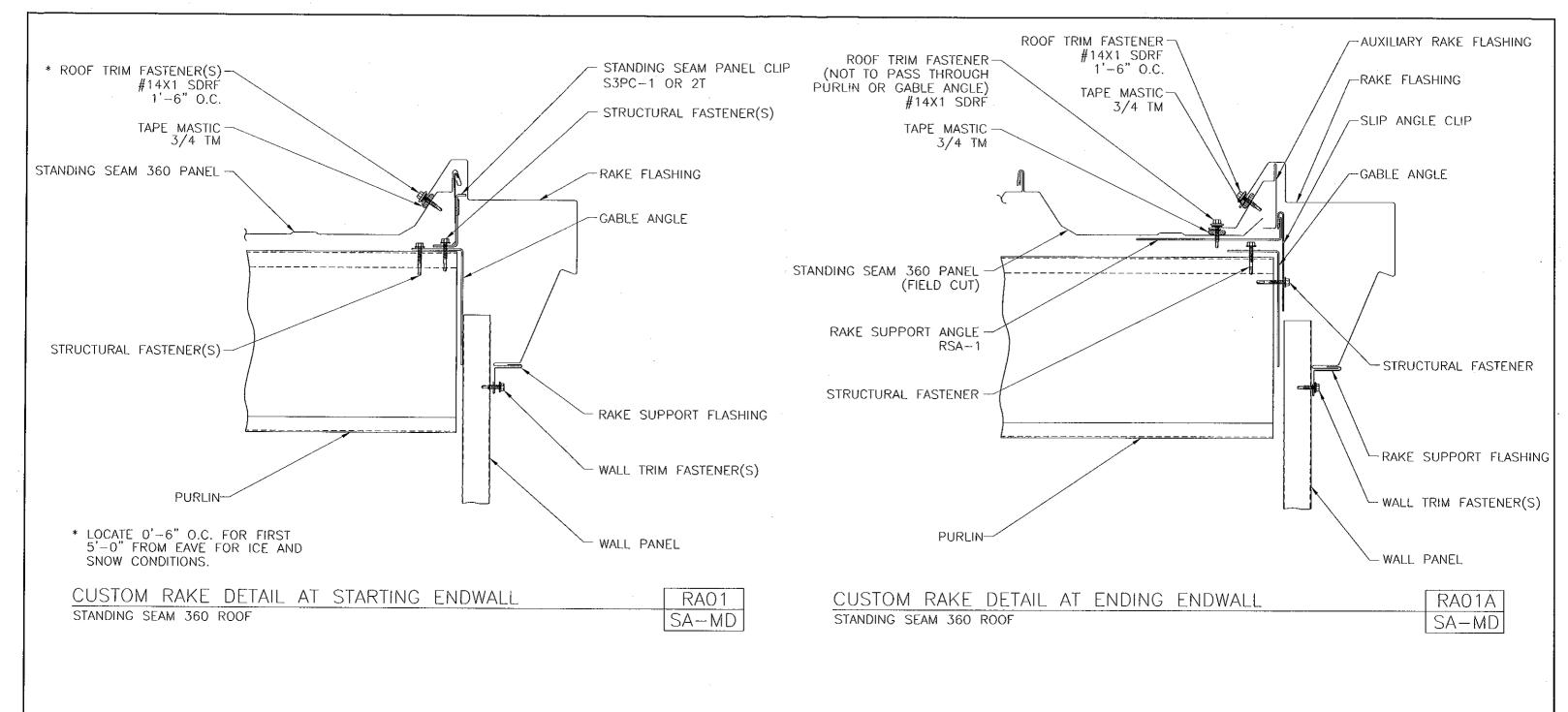
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STANDING SEAM 360 ROOF PANEL SECTION AT RAKE

EUFAULA

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 1/-/2/4.
Expiration Date 07/12/2

AMERICAN BUILDINGS DRAWING, NUMBER MD-S3P22



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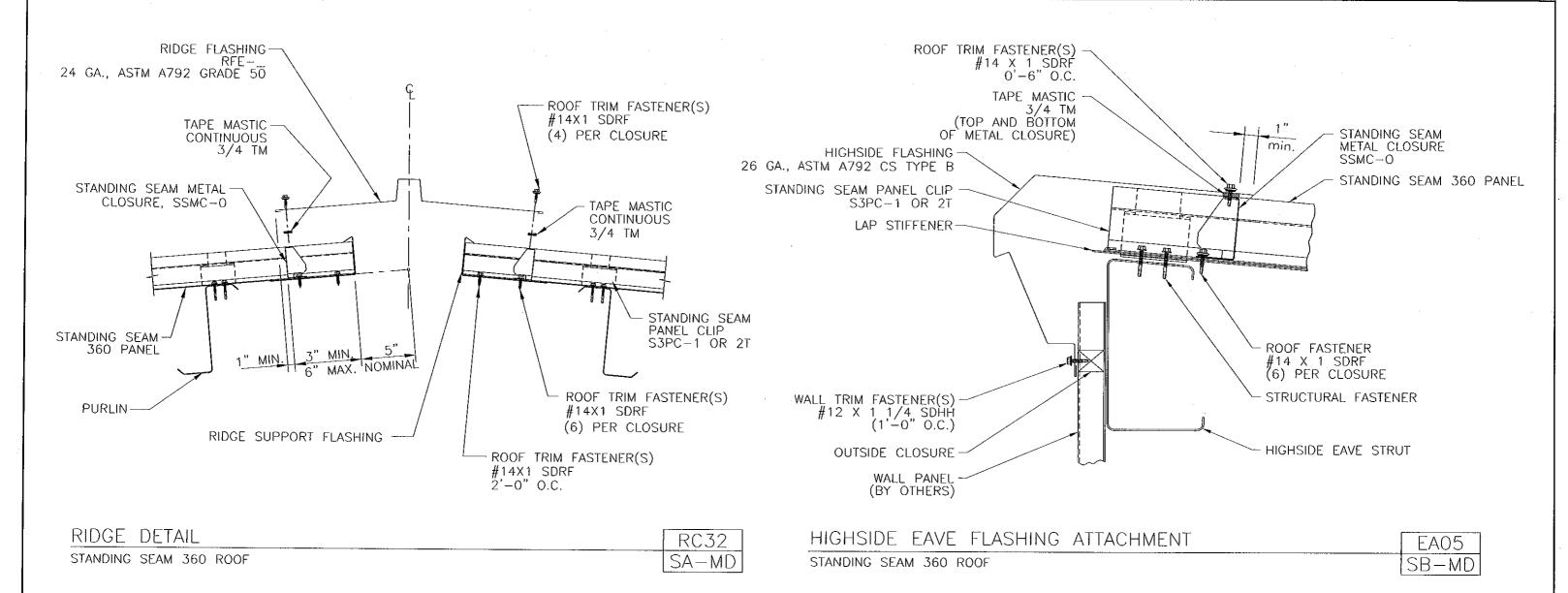
STANDING SEAM 360 ROOF PANEL SECTION AT RAKE

EUFAULA
AMERICAN BUILDINGS
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DRAWING: MD-S3P22
PAGE
7 of 9

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-12-14.

mi Dade Product Control



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ENGINEERS NAME:	NO.	f	REVISIONS	MADE	CK'D	DATE	SCALE:	NONE	DATE
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STANDING SEAM 360 ROOF PANEL EU
SECTION AT RIDGE AND
HIGH SIDE EAVE

AMERICAN BUILDINGS

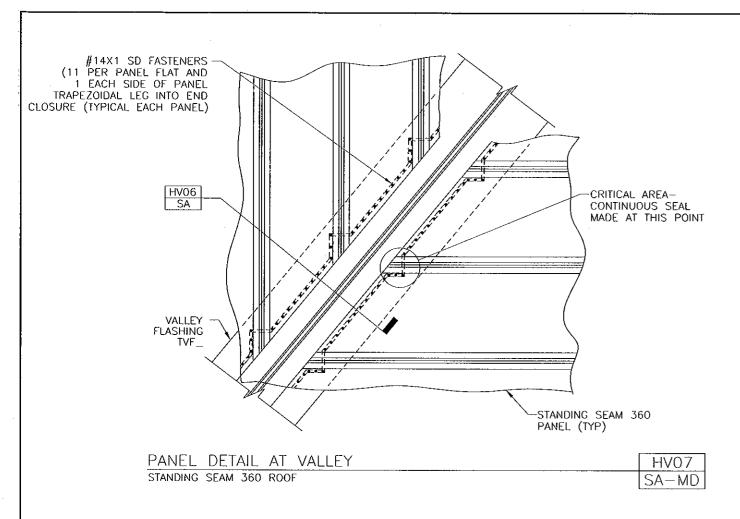
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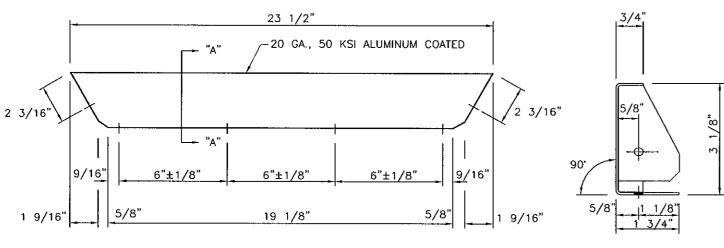
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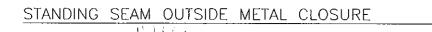
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PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-12/4.01
Expiration Date 07/12/20

By He H. M. M. Milami Dade Reduct Control

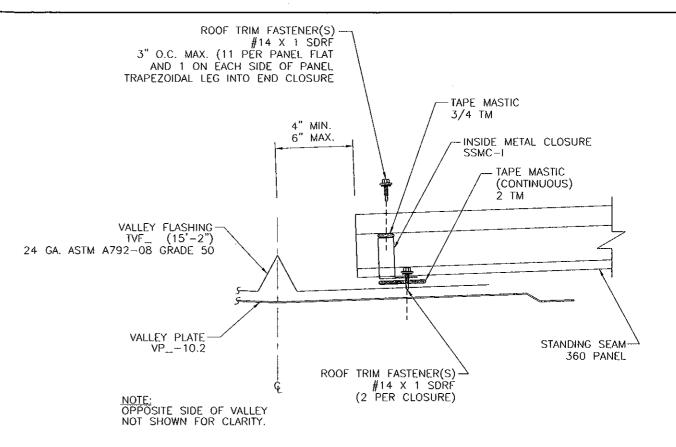






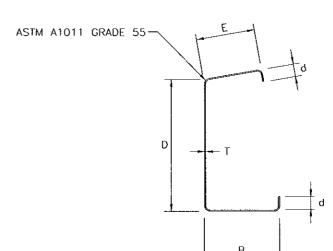
SSMC-0

SECTION "A" "A"



VALLEY FLASHING DETAIL STANDING SEAM 360 ROOF

HV06 SA-MD



Section Depth and	Depth "D"	Flange "B"	Flange "E"	Lips "d"	Thick 'T''
Gauge	(in.)	(in.)	(in.)	(in.)	(in.)
40S6	4.000	3.500	2.250	0.719	0.060
4084	4.000	3.500	2.250	0.781	0.075
6086	6.000	4.500	2.500	0.781	0.060
6084	6.000	4.500	2.500	0.844	0.075
60S2	6.000	4.500	2.500	0.938	0.099
8085	8.000	4.500	3.375	0.719	0.067
80\$4	8.000	4.500	3.375	0.750	0.075
80S2	8,000	4.500	3.375	0.844	0.099
9583	9.500	4.500	4.500	0.969	0.089
9582	9.500	4.500	4.500	1.031	0.099
9581	9.500	4,500	4,500	1.125	0.120

STANDARD EAVE STRUT

GINEERS NAME: REVISIONS MADE CK'D DATE SCALE: 1 GENERAL REVISIONS CAH JCW 6-25-12 JEFFREY C. WALSH DRAWN BY: CHK'D BY: JCW ENGINEERS STATE REGISTRATION NO.: 41467

STANDING SEAM 360 ROOF PANEL SECTION AT VALLEY

NONE

THG

DATE

12-12-1

12-12-1

EUFAULA ALABAMA AMERICAN BUILDINGS DRAWING. NUMBER MD-S3P22

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 1/-/2/4.
Expiration Date 07/12/2.